

Material-Based Probabilistic Prognostics



MICRO (material) Software

- Analysis (coupon test simulation)
- Design (microstructure optimization)
- Crack initiation and growth

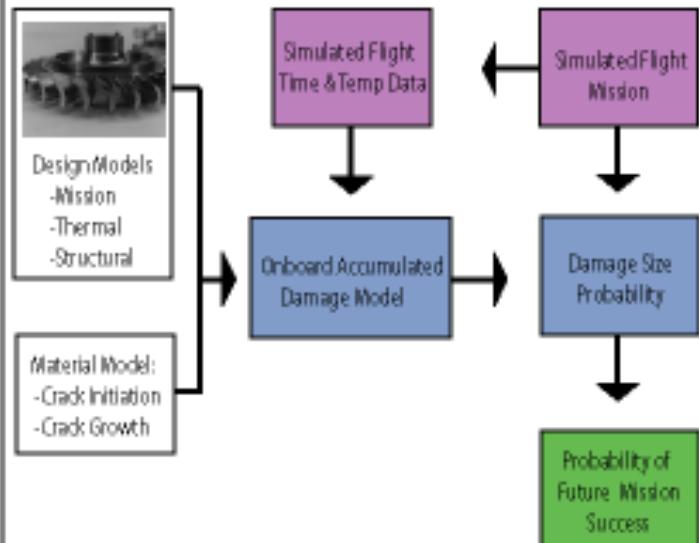
Reliability Prediction Software

- Component, system, fleet
- Engineering design analysis
- Onboard analysis

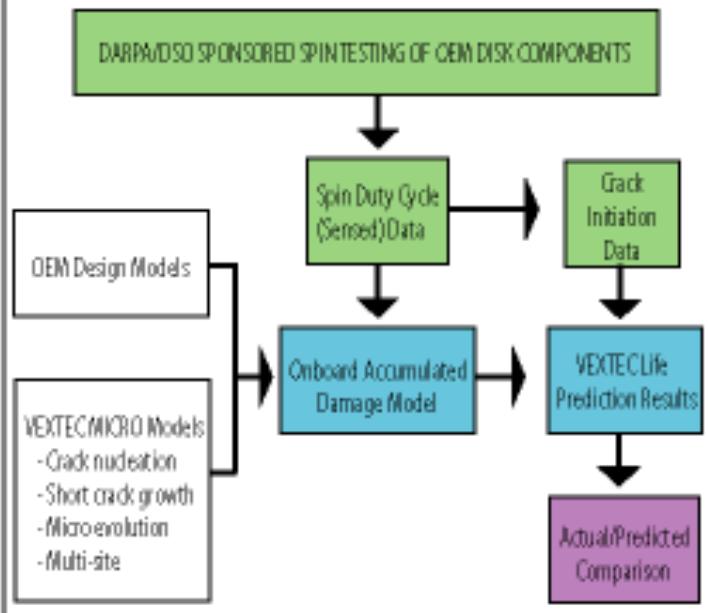
Reliability Cost Prediction

- Warranty & total cost
- Manufacturing (tolerance) optimization

DARPA SBIR Phase I (Feasibility)



DARPA SBIR Phase II (Development)



Maintenance Prediction Software

